

Arboviral Surveillance Report

August 25, 2015

Surveillance

The City's arboviral surveillance continued last week and all collected mosquitoes were tested in-house for West Nile virus (WNV) and St. Louis Encephalitis (SLE). Trap counts remain low; however, this week 18 trap locations within the City of Chicago collected WNV positive mosquitoes. These collections contained a combination of *Culex pipiens* and *Culex restuans* mosquitoes. As the amplification cycle has continued, the risk of WNV transmission is increasing

Mosquitoes (data from 82 traps)

Week 33 (08/16/15 – 08/22/15)	
Total Collections (Number of Traps X Frequency of Collection)	153
Number of Female <i>Culex</i> Trapped and Tested	1038
Number of Pools Tested	114
Number of Pools Positive	20
Number of Community Areas with Positive Mosquitoes Pools	16
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	1783
Number of Female <i>Culex</i> Trapped and Tested	13440
Number of Pools Tested	1256
Number of Pools Positive	67
Number of Community Areas with Positive Mosquitoes Pools	34

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Ashburn, Austin, Belmont Cragin, Chicago Lawn, Clearing, Dunning, O'Hare, Gage Park, Gr. Grand Crossing, Hegewisch, Irving Park, Lincoln Square, New City, North Park, Norwood Park, Portage Park, Riverdale, South Lawndale, Washington Heights, West Lawn, and West Pullman.

Dead birds: To date, three dead birds have been collected; one was negative, the other two not testable. One is pending

Humans: No human cases reported.

Risk Assessment

The risk of human West Nile virus infection is moderate.

Larval and Adult Mosquito Control Efforts

With the completion of formal catch basin treatments, CDPH began the weekly monitoring of application efficacy. As needed, re treatments will be performed throughout the summer.